

REMARKS

The above-referenced application is amended to delete the multiple dependency of claims 4, 6, 8, and 10 - 12. Attached is a marked-up version of the amended claims. Entry of this Preliminary Amendment is respectfully requested.

Respectfully submitted,

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MARKED-UP VERSION OF CLAIMS 4, 6, 8, 10 –12

IN THE CLAIMS:

Please amend the claims are follows:

4. (Amended) The biosensor according to [any of the preceding] claim[s] 1, characterised in that the mono-enzyme or the bi-enzyme system is crosslinked into an osmium based redox polymer.

6. (Amended) The biosensor according to [any of the preceding] claim[s] 1, characterised in that the biosensor is of Type I, Type II or Type III type of biosensor, wherein

Type I: the mono-enzyme or the bi-enzyme system is added direct on to the electrode surface; or

Type II: the mono-enzyme or the bi-enzyme system is entrapped in the osmium based redox polymer added on the top of the electrode; or

Type III: the mono-enzyme or the bi-enzyme system and the osmium based redox polymer forms sequential coatings added on top of the electrode.

8. (Amended) The biosensor according to [any of the preceding] claim[s] 1, characterised in that the electrode is of noble metals, such as gold, silver, platinum, palladium, or carbon/graphite-based material, such a graphite, carbon pasted, vitrous carbon, carbon fibers, or conducting salts, or conducting polymers

10. (Amended) Use of the biosensor according to [any of] claim[s] 1 [to 9], as an analytical instrument or tool for the detection or determination of freshness biomarkers or of the content of freshness biomarkers in food, such as meat from animals or fishes, or beverages.
11. (Amended) Use of the biosensor according to [any of] claim[s] 1 [to 9], as an analytical instrument or tool for the detection or determination of biogenic amines, preferably histamine, in body fluids, such as blood, urine, saliva, sweat, in medical diagnoses or in the treatment of disease.
12. (Amended) Use of the biosensor according [any of] claim[s] 1 [to 9], as an analytical instrument or tool for the detection or determination of biogenic amines, preferable histamine, in microdialysates or dialysates.